

s/n: 10/531,080  
date: 1/17/07

((359/255,290,291,292,295,315,316,244,299) or (369/53.11) or 3592 (349/41,49) or (345/210)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 17:51
67029 @ad>="20060501"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 17:52
1E+06 @pd>="20060501"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 17:52
1E+06 41 or 42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 17:52
383 40 and 43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 17:52
HUGHES-JONATHAN\$9.in. or COOMBER-STUART\$9.in. or 615 BROWN-CARL\$9.in. or TOPPING-ALEXANDER\$9.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
11 L45 and (spatial adj light adj modulator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
0 L49 and (bipolar with switch\$4 with waveform)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
254 (bipolar with switch\$4 with waveform)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
216 (bipolar with switch\$4 with wave\$2form)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
216 (bipolar with switch\$4 with wave\$2form)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
255 L51 or L53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
((micro\$2electro\$2mechanical) adj2 (mirror or reflector)) or ((micro adj electro adj mechanical) adj2 (mirror or reflector)) or ((micro\$2electro adj mechanical) adj2 (mirror or reflector)) or (mem with (mirror or reflector)) or dmd or (digital adj micro\$2mirror adj display) or (micro\$2 with (reflector or mirror)) or micro\$2mirror or micro\$2reflector or (digital with (micro\$2mirror or micro\$2reflector)) or	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
103628 slm or (spatial adj light adj modulator) or attenuator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
1176 (bipolar same switch\$4 same wave\$2form)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
2454 (bipolar same switch\$4 same (wave or wave\$2form))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
104 L55 and L58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37

501 (bipolar with switch\$4 with (wave or wave\$2form))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
13 L55 and L61 ((micro\$2electro\$2mechanical) adj2 (mirror or reflector)) or ((micro adj electro adj mechanical) adj2 (mirror or reflector)) or ((micro\$2electro adj mechanical) adj2 (mirror or reflector)) or (mem with (mirror or reflector)) or dmd or (digital adj micro\$2mirror adj display) or (micro\$2 with (reflector or mirror)) or micro\$2mirror or micro\$2reflector or (digital with (micro\$2mirror or micro\$2reflector)) or	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
45383 slm or (spatial adj light adj modulator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
32 L67 and (liquid adj crystal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
1460 read same write same leading same trailing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
59 L71 and bi\$2polar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
3051 read same write same trailing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
198 martinez-joseph\$9.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
20581 leading same trailing same pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
5686 (leading near2 pulse) and (trailing near2 pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
23395 ((leading or trailing) near2 pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
852 bi\$2polar near2 waveform	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
131 L80 and modulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
385 L80 and modulat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
18371 (sine or sinusoid\$4) near2 waveform	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
8294 L84 and modulat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
2854 L85 and optic\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
1113 ((sine or sinusoid\$4) near2 waveform) and (optic\$6 with modulat\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37

186258 (read or write) near2 signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
1962 L80 or L87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
((sine or sinusoid\$4 or bi\$2polar) near2 waveform) and (optic\$6 with 1149 modulat\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
39788 (read near2 signal) and (write near2 signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
44 L96 and L97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
123 L88 or L93 or L94 or L95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
292 oaslm or (optic\$6 adj address\$5 adj spatial adj light adj modulator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
126 L99 or L101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
44 L96 and L97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
13 L96 and L107	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
164 L99 or L104 or L105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
177 L109 or L110	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
0 ("5623352").URPN.	USPAT	1/17/07 18:37
0 ("5623352").URPN.	USPAT	1/17/07 18:37
((pulse adj width) same volt\$4 same write) and (ferroelectric or (liquid 125 adj crystal) or slm or oaslm or (spatial adj light adj modulator))	USPAT US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
(pulse adj width) and (pulse adj volt\$4) and (ferroelectric or (liquid adj 1283 crystal) or slm or oaslm or (spatial adj light adj modulator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
((pulse adj width) same volt\$4 same write) and (ferroelectric or (liquid 251 adj crystal) or slm or oaslm or (spatial adj light adj modulator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
135 L124 and (read same write)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
53 L117 or L122 or L119 or L118	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
132 L126 not L127	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37

1 L88 and L89	US-PGPUB; USPAT; USOCR;	
1 ("5530569").URPN.	EPO; JPO; DERWENT;	
	IBM_TDB	1/17/07 18:37
	USPAT	1/17/07 18:37
4 L45 and oaslm	US-PGPUB; USPAT; USOCR;	
	EPO; JPO; DERWENT;	
	IBM_TDB	1/17/07 18:37
7 L47 not L46	US-PGPUB; USPAT; USOCR;	
	EPO; JPO; DERWENT;	
	IBM_TDB	1/17/07 18:37
8 L54 and L55	US-PGPUB; USPAT; USOCR;	
	EPO; JPO; DERWENT;	
	IBM_TDB	1/17/07 18:37
96 L59 not L56	US-PGPUB; USPAT; USOCR;	
	EPO; JPO; DERWENT;	
	IBM_TDB	1/17/07 18:37
5 L62 not L56	US-PGPUB; USPAT; USOCR;	
	EPO; JPO; DERWENT;	
	IBM_TDB	1/17/07 18:37
48 L60 and light	US-PGPUB; USPAT; USOCR;	
	EPO; JPO; DERWENT;	
	IBM_TDB	1/17/07 18:37
39 L65 and L66	US-PGPUB; USPAT; USOCR;	
	EPO; JPO; DERWENT;	
	IBM_TDB	1/17/07 18:37
60 (345/53).CCLS.	US-PGPUB; USPAT; USOCR;	
	EPO; JPO; DERWENT;	
	IBM_TDB	1/17/07 18:37
45 (349/90).CCLS.	US-PGPUB; USPAT; USOCR;	
	EPO; JPO; DERWENT;	
	IBM_TDB	1/17/07 18:37
2 L75 and L76	US-PGPUB; USPAT; USOCR;	
	EPO; JPO; DERWENT;	
	IBM_TDB	1/17/07 18:37
29 L87 and L79	US-PGPUB; USPAT; USOCR	1/17/07 18:37
("3654624"   "4051329"   "4074282"   "4114180"   "4221960"		
"4225873"   "4283785"   "4308612"   "4380015").PN. OR		
48 ("4488277").URPN.	US-PGPUB; USPAT; USOCR	1/17/07 18:37
("4239345"   "5488499"   "5543950"   "5560554"   "5684503"		
15 "5835075"   "5900852").PN. OR ("6061042").URPN.	US-PGPUB; USPAT; USOCR	1/17/07 18:37
("4209804"   "4230915"   "4270130"   "4306013"   "4308337"		
"4380769"   "4613966"   "4646103"   "4719615"   "4809022"		
"4852075"   "4896313"   "4912696"   "4963901"   "5088086"		
"5099469"   "5218591"   "5283159"   "5297129"   "5304455"		
"5316814"   "5459712"   "5602824"   "5608711"   "5608712"		
"5741627"   "5926446"   "5951891"   "6013316"   "6022604"		
32 "6212158"   "6285638").PN. OR ("6785221").URPN.	US-PGPUB; USPAT; USOCR	1/17/07 18:37
	US-PGPUB; USPAT; USOCR;	
	EPO; JPO; DERWENT;	
3 L96 and L100	IBM_TDB	1/17/07 18:37
	US-PGPUB; USPAT; USOCR;	
	EPO; JPO; DERWENT;	
41 L103 not L102	IBM_TDB	1/17/07 18:37
	US-PGPUB; USPAT; USOCR;	
	EPO; JPO; DERWENT;	
25 L104 and lead\$3 and trail\$3	IBM_TDB	1/17/07 18:37

13 L108 not L109	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
6 ("5555115" "5617203" "5912758").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
2 ("3005976").URPN.	USPAT	1/17/07 18:37
85 L115 and (read same write)	USPAT	1/17/07 18:37
42 ("3692388"   "3736043"   "3991416").PN. OR ("4070663").URPN.	US-PGPUB; USPAT; USOCR	1/17/07 18:37
2 L117 and (read same write)	USPAT	1/17/07 18:37
7 ("5420709").URPN.	USPAT	1/17/07 18:37
("5130830"   "5132811"   "5191408"   "5420709").PN. OR		
4 ("5623352").URPN.	US-PGPUB; USPAT; USOCR	1/17/07 18:37
("5061049"   "5096279"   "5202785"   "5583688"   "5706123"		
26 "5771116").PN. OR ("5912758").URPN.	US-PGPUB; USPAT; USOCR US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
144 L73 and bi\$2polar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
130 L82 and optic\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
198 L89 and L90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
250 (349/41,49).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
bipolar and switch\$4 and leading and trailing and cycle and pulse and	EPO; JPO; DERWENT;	
299 voltage and write and read and light	IBM_TDB	1/17/07 18:37
	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
250 L125 not L127	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
872 (359/295,315,244).CCLS.	IBM_TDB	1/17/07 18:37
(pulse adj width) and (pulse adj volt\$4) and (ferroelectric or (liquid adj		
815 crystal) or slm or oaslm or (spatial adj light adj modulator))	USPAT	1/17/07 18:37
	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	1/17/07 18:37
((359/255,290,291,292,295,315,316,244,299) or (369/53.11) or		
3592 (349/41,49) or (345/210)).CCLS.		